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HDP/SB/21 based on PTO/SB/21 (08-00)

## TRANSMITTAL FORM

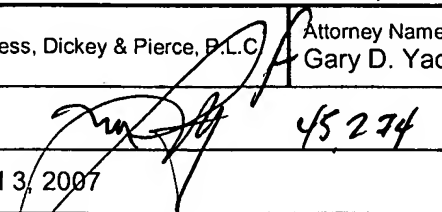
(to be used for all correspondence after initial filing)

Application Number	10/678,183
Filing Date	October 6, 2003
Inventor(s)	David Joseph KROPACZEK
Group Art Unit	2128
Examiner Name	Thai Q. Phan
Attorney Docket Number	24GA5999

### ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input checked="" type="checkbox"/> Amendment  <input checked="" type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Letter to the Official Draftsperson and _____ Sheets of Formal Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> LETTER SUBMITTING APPEAL BRIEF AND APPEAL BRIEF (w/clean version of pending claims)  <input type="checkbox"/> Appeal Communication to Group (Notice of Appeal, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input type="checkbox"/> Other Enclosure(s) (please identify below):		
<table><tr><td>Remarks</td><td>HDP Ref.: 8564-000041/US</td></tr></table>			Remarks	HDP Ref.: 8564-000041/US
Remarks	HDP Ref.: 8564-000041/US			

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name	Gary D. Yacura	Reg. No.	35,416
Signature					
Date	April 3, 2007				

GDY/REA:bp



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/678,183      Group Art Unit: 2128  
Filing Date: October 06, 2003      Examiner: Thai Q. Phan  
Applicant: David J. Kropaczek      Conf: 2333  
Title: **METHOD AND APPARATUS FOR CREATING AND EDITING A  
NUCLEAR REACTOR CORE LOADING TEMPLATE**

Attorney Docket: 24GA5999 (HDP Ref.:8564-000041/US)

Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314  
**Mail Stop AF**

April 3, 2007

**REPLY UNDER 37 C.F.R. § 1.116**

Sir:

In response to the Final Office Action mailed January 3, 2007, the following remarks are respectfully submitted in connection with the above-identified application.

**Listing of the Claims** begin on page 2 of this Amendment.

**Remarks** begin on page 6 of this Amendment.

	Claims remaining after Amendment		Highest number previously paid for		Present extra
<b>Total</b>	14	-	20	=	0
<b>Independent</b>	2	-	4	=	0